

Name: \_\_\_\_\_

**p1105: Factoring when  $a = \text{prime}$  (v14)**

1. Factor the expression  $5x^2 - 29x + 36$

2. Factor the expression  $7x^2 - 52x + 21$

3. Factor the expression  $7x^2 + 65x + 72$

4. Factor the expression  $2x^2 + 21x + 54$

5. Factor the expression  $3x^2 + 19x - 40$

6. Factor the expression  $2x^2 - 9x + 7$

7. Factor the expression  $3x^2 - 16x - 35$

8. Factor the expression  $5x^2 - 4x - 12$

9. Factor the expression  $5x^2 + 28x - 49$

10. Factor the expression  $7x^2 + 71x + 72$